

## ABSTRACT

A computer-enabled workflow process system includes a node group database that stores a group of work nodes referred to by a generic node. A work node defines a workflow action and data items to be read and written when executing the workflow action. The workflow process system also includes a workflow engine that executes a workflow process having the generic node. The workflow engine accesses the node group database for the group of work nodes when the generic node is to be executed so as to allow dynamic composition and modification of the workflow process. Work nodes can be added to or removed from the node group without requiring that the workflow process be redefined. A computer-enabled method of compiling and executing a workflow process having at least a generic node is also described.